

Converting Colors

CIELCh(94, 53.009, 123.008)

Have a look what the booklet for
CIELCh(94, 53.009, 123.008)
contains.

CIELCh(94, 52.755, 122.912)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 52.755, 122.912)

Conversions

Conversions Part 1

Format	Color
Hex	D4FB96
RGB	212, 251, 150
RGB Percent	83%, 98%, 59%
CMY	0.1682, 0.0153, 0.4114
CMYK	0.16, 0.00, 0.40, 0.02
HSL	83°, 93%, 79%
HSV	83°, 40%, 98%
XYZ	67.2193, 85.2715, 41.8088
YIQ	227.8250, 9.1770, -39.6790

Conversions

Conversions Part 2

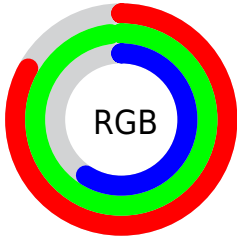
Format	Color
RYB	150, 251, 189
Decimal	13958038
CIELab	94.00, -28.66, 44.29
CIElCh	94, 52.755, 122.912
Yxy	85.2715, 0.3460, 0.4389
Android (android.graphics.Color)	4292148118 (0xFFD4FB96)
YUV	227.8250, -38.3677, -13.8785
Hunter-Lab	92.3426, -31.6633, 37.7958

Details

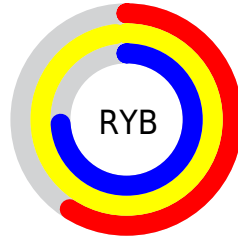
The CIELCh color **94, 52.755, 122.912** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **69, 56.853, 307.472**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 25.235, 108.263**, and **74, 52.682, 122.724** is the 20% darker color. If you saturate the color by 10%, you get **93, 65.071, 122.464**, and if you desaturate by 10%, it is **95, 39.929, 123.425**.

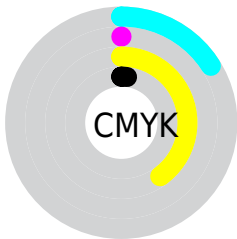
Distribution



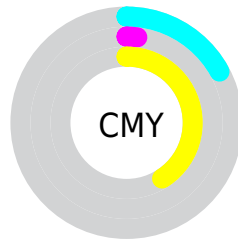
- Red (83%)
- Green (98%)
- Blue (59%)



- Red (59%)
- Yellow (98%)
- Blue (74%)



- Cyan (16%)
- Magenta (0%)
- Yellow (40%)
- Black (2%)




- Cyan (17%)
- Magenta (2%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 52.755, 122.912 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 94, 52.755, 122.912 by changing the saturation by 10% instead.


 94, 52.755,
122.912


 94, 52.755,
122.912

 100, 52.755,
122.912


 84, 52.755,
122.912

 74, 52.755,
122.912

 64, 52.755,
122.912

 54, 52.755,
122.912

 44, 52.755,
122.912

 34, 52.755,
122.912

 24, 52.755,

122.912

■ 14, 52.755,
122.912

■ 4, 52.755, 122.912

■ 94, 52.755,
122.912

■ 94, 52.755,
122.912

■ 93, 65.071,
122.464

■ 95, 39.929,
123.425

■ 92, 76.536,
122.140

■ 96, 26.814,
123.958

■ 92, 86.681,
122.035

■ 97, 13.565,
124.487

■ 91, 94.921,
122.269

■ 99, 0.289, 125.311

■ 99, 2.428, 324.399

■ 90, 100.722,
122.961

■ 90, 104.100,
124.078

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



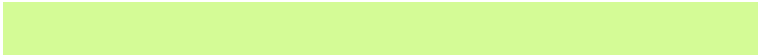
94, 52.755, 122.912



69, 56.853, 307.472

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 52.755, 122.912



94, 52.755, 172.912



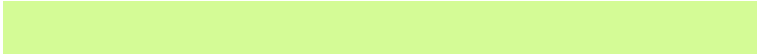
94, 52.755, 302.912



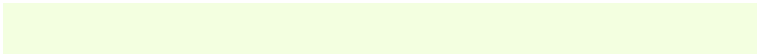
94, 52.755, 352.912

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



94, 52.757, 122.914



98, 16.120, 124.394



81, 33.324, 58.110



52, 10.692, 124.325



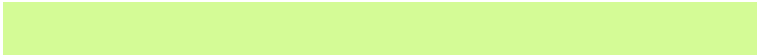
0, 0.000, 0.000



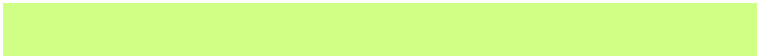
53, 0.007, 296.813

Same Dimension

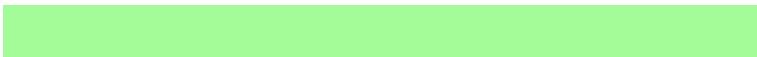
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 52.757, 122.914



95, 63.169, 122.554



91, 60.775, 138.670



52, 7.511, 124.526



69, 83.799, 123.796



23, 36.587, 122.372

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69, 56.853, 307.472



65, 69.277, 308.041



74, 61.267, 323.130



48, 7.639, 305.484



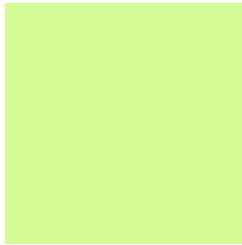
27, 101.924, 309.609



5, 43.056, 309.485

Previews

White Background



This preview shows how the CIELCh color 94, 52.755, 122.912 looks on a white background.

Color Contrast Check

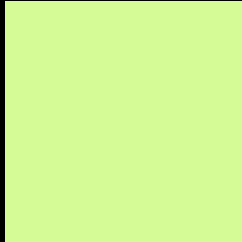
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 52.755, 122.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

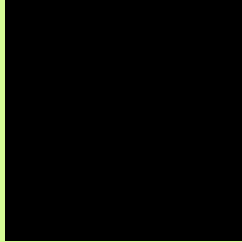
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

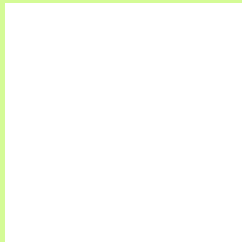
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 52.755, 122.912

Background



This preview shows how black text looks on a background with the CIELCh color 94, 52.755, 122.912.

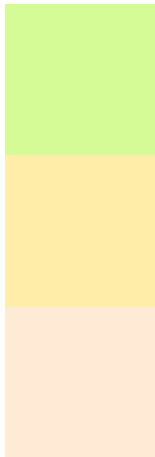


This preview shows how white text looks on a background with the CIELCh color 94, 52.755, 122.912.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94, 52.755, 122.912

Protanopia

94, 35.870, 95.911

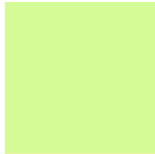
Deuteranopia

94, 13.329, 73.349

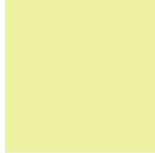


Tritanopia
94, 9.327, 269.515

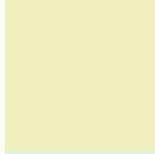
Trichromacy



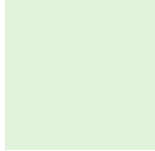
Original Color
94, 52.755, 122.912



Protanomaly
94, 40.954, 108.577



Deuteranomaly
94, 25.519, 109.004

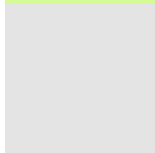


Tritanomaly
94, 15.404, 138.550

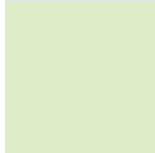
Monochromacy



Original Color
94, 52.755, 122.912



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 19.254, 124.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 52.755, 122.912 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 251, 150)` looks like.

```
.text, #text, p{  
    color:rgb(212, 251, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 251, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 251, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 52.755, 122.912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 251, 150) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 251, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 251, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 251, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 251, 150);  
box-shadow:4px 4px 4px 4px rgb(212, 251,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 52.755, 122.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 251, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
251, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor